

Response to Office Action of 10/3/2003
Appl. Ser. No. 09/945,385

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) Method for nozzle-injection of gas into molten glass, ~~characterized through the following features comprising:~~
 - 1.1 ~~the introducing a gas stream is introduced into the a~~ molten mass in a temporally pulsed, throughput;
 - 1.2 ~~interrupting the gas stream is interrupted between two sequential pulses;~~
 - 1.3 ~~wherein the duration of a the pulses~~ amounts to less than 1 s.
2. (Currently Amended) Method according to claim 1, ~~characterized by the fact that wherein~~ the duration of ~~the a~~ pulses amounts to less than 100 ms.
3. (Currently Amended) Method according to claim 1, ~~characterized by the fact that wherein~~ the duration of ~~the a~~ pulses amounts to less than 50 ms.
4. (Currently Amended) Method according to claim 1, ~~characterized by the fact that wherein~~ following the pulse the pressure falloff of a pulse falls from a maximum value to null takes place within a time span of less than 100 ms.
5. (Currently Amended) Method according to claim 1, ~~characterized by the fact that wherein~~ following the pulse the pressure falloff of a pulse falls from a maximum value to null takes place within a time span of less than 50 ms.
6. (Currently Amended) Method according to claim 1, ~~characterized by the fact that wherein~~ ~~at the~~ temporal interval between two sequential pulses amounts to at least 1 s.

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7. (Currently Amended) Method according to claim 1, ~~characterized by the fact that wherein~~
~~at~~ the temporal interval between two sequential pulses amounts to at least 10 s.
8. (Currently Amended) Method according to claim 1, ~~characterized through the following~~
~~features~~ further comprising the step of:
- 8.1 depleting the molten mass ~~is freed of~~ foreign gases through flushing with O₂ gas;
- 8.2 wherein the introduced pulsing of the gas stream produces bubbles are given
having a high surface-area/volume ratio through impressed pressure profiles, in order to
minimize the ~~bubbling gas amount~~ bubble volume and to maximize the expelling of
foreign gas.